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1.	TITLE-ABSTR-KEY(cyclin-dependent kinase) and TITLE-ABSTR-KEY(cancer) *[All Sources(- All Sciences -)]*	4138

29 Articles Found

TITLE-ABSTR-KEY(challenges) and TITLE-ABSTR-KEY(cdk)

1. ☐ **Using a mammalian cell cycle simulation to interpret differential kinase inhibition in anti-tumour pharmaceutical development** • ARTICLE
*Biosystems, **In Press, Corrected Proof**, Available online 19 October 2005,*
C. Chassagnole, R.C. Jackson, N. Hussain, L. Bashir, C. Derow, J. Savin and D.A. Fell
Abstract

2. ☐ **Novel functions of plant cyclin-dependent kinase inhibitors, ICK1/KRP1, can act non-cell-autonomously and inhibit entry into mitosis**
The Plant Cell, Volume 17, Issue 6, June 2005, Pages 1704-1722
Weinl, Christina; Marquardt, Sebastian; Kuijt, Suzanne J H; Nowack, Moritz K; Jakoby, Marc J; Hülskamp, Martin; Schnittger, Arp
Abstract-MEDLINE

3. ☐ **The developmental context of cell-cycle control in plants** • REVIEW ARTICLE
Seminars in Cell & Developmental Biology, Volume 16, Issue 3, June 2005, Pages 385-396
Sarah M. de Jager, Spencer Maughan, Walter Dewitte, Simon Scofield and James A.H. Murray
SummaryPlus | Full Text + Links | PDF (357 K)

4. ☐ **Discovery of a potent and selective inhibitor of cyclin-dependent kinase 4/6**
Journal Of Medicinal Chemistry, Volume 48, Issue 7, April 7, 2005, Pages 2388-2406
Toogood, Peter L; Harvey, Patricia J; Repine, Joseph T; Sheehan, Derek J; VanderWel, Scott N; Zhou, Hairong; Keller, Paul R; McNamara, Dennis J; Sherry, Debra; Zhu *et al.*
Abstract-MEDLINE

5. ☐ **Targeting cell cycle and apoptosis for the treatment of human malignancies**
Current Opinion In Cell Biology, Volume 16, Issue 6, December 2004, Pages 670-678
Senderowicz, Adrian M
Abstract-MEDLINE

6. ☐ **Targeting cell cycle and apoptosis for the treatment of human malignancies** • REVIEW ARTICLE
Current Opinion in Cell Biology, Volume 16, Issue 6, December 2004, Pages 670-678
Adrian M Senderowicz
Abstract

7. ☐ **Proliferative aspects of airway smooth muscle** • ARTICLE
Journal of Allergy and Clinical Immunology, Volume 114, Issue 2, Supplement 1, August 2004, Pages S2-S17
Stuart J. Hirst, James G. Martin, John V. Bonacci, Vivien Chan, Elizabeth D. Fixman, Qutayba A. Hamid, Berenice Herszberg, Jean-Pierre Lavoie, Clare G. McVicker, Lyn M. Moir *et al.*
SummaryPlus | Full Text + Links | PDF (824 K)

---

8. ☐ **Histone deacetylase inhibitors regulate p21WAF1 gene expression at the post-transcriptional level in HepG2 cells**
FEBS Letters, Volume 570, Issue 1-3, July 16, 2004, Pages 37-40
Hirsch, Calley L; Bonham, Keith
Abstract-MEDLINE

---

9. ☐ **Histone deacetylase inhibitors regulate p21^{WAF1} gene expression at the post-transcriptional level in HepG2 cells** • SHORT COMMUNICATION
FEBS Letters, Volume 570, Issues 1-3, 16 July 2004, Pages 37-40
Calley L. Hirsch and Keith Bonham
SummaryPlus | Full Text + Links | PDF (152 K)

---

10. ☐ **Promiscuity rules? The dispensability of cyclin E and Cdk2**
Sci STKE, Volume 2004, Issue 224, March 16, 2004, Page e11
Su, Tin Tin; Stumpff, Jason
Abstract-MEDLINE

---

11. ☐ **The cyclin D3 knockout: a pound of redundancy with a dash of tissue specificity**
Cancer Biology & Therapy, Volume 3, Issue 2, February 2004, Pages 162-164
Diehl, J Alan
Abstract-MEDLINE

---

12. ☐ **Cell cycle progression without cyclin E/CDK2: breaking down the walls of dogma**
Cancer Cell, Volume 4, Issue 3, September 2003, Pages 160-162
Gladden, Andrew B; Diehl, J Alan
Abstract-MEDLINE

---

13. ☐ **Cell cycle progression without cyclin E/CDK2: Breaking down the walls of dogma** • REVIEW ARTICLE
Cancer Cell, Volume 4, Issue 3, September 2003, Pages 160-162
Andrew B. Gladden and J. Alan Diehl
SummaryPlus | Full Text + Links | PDF (128 K)

---

14. ☐ **The molecular target of rapamycin (mTOR) as a therapeutic target against cancer**
Cancer Biology & Therapy, Volume 2, Issue 4, Supplement 1, July - August 2003, Pages S169-S177
Mita, Monica M; Mita, Alain; Rowinsky, Eric K
Abstract-MEDLINE

---

15. ☐ **Mammalian target of rapamycin: a new molecular target for breast cancer**
Clinical Breast Cancer, Volume 4, Issue 2, June 2003, Pages 126-137
Mita, Monica M; Mita, Alain; Rowinsky, Eric K
Abstract-MEDLINE

---

16. ☐ **NF-kappaB-mediated induction of p21(Cip1/Waf1) by tumor necrosis factor alpha induces growth arrest and cytoprotection in normal human keratinocytes**
Molecular Cancer Research: MCR, Volume 1, Issue 4, February 2003, Pages 262-270
Basile, John R; Eichten, Alexandra; Zacny, Valerie; Münger, Karl
Abstract-MEDLINE

---

17. ☐ **Dissection of a complex phenotype by functional genomics reveals roles for the yeast cyclin-dependent protein kinase Pho85 in stress adaptation and cell integrity**
Molecular And Cellular Biology, Volume 22, Issue 14, July 2002, Pages 5076-5088
Huang, Dongqing; Moffat, Jason; Andrews, Brenda
Abstract-MEDLINE

---

18. ☐ **Regulation of herpes simplex virus gene expression** • REVIEW ARTICLE
Gene, Volume 271, Issue 2, 27 June 2001, Pages 117-130
Jerry P. Weir
SummaryPlus | Full Text + Links | PDF (192 K)

---

19. ☐ **Flavopiridol-induced growth inhibition and apoptosis of myeloid and myeloma cell lines and blasts** • ABSTRACT
Experimental Hematology, Volume 28, Issue 12, December 2000, Page 1497
Canan Akyuz, Igor Semenov, Vera Roginskaya and Seth Corey
Abstract | PDF (13 K)

---

20. ☐ **Plant A-type cyclins**
Plant Molecular Biology, Volume 43, Issue 5-6, August 2000, Pages 659-675
Chaubet-Gigot, N
Abstract-MEDLINE

---

21. ☐ **On the development of biophysical models for space radiation risk assessment**
Adv Space Res, Volume 25, Issue 10, 2000, Pages 2131-2140
Cucinotta, F A; Dicello, J F
Abstract-MEDLINE

---

22. ☐ **On the development of biophysical models for space radiation risk assessment** • ARTICLE
Advances in Space Research, Volume 25, Issue 10, 2000, Pages 2131-2140
F. A. Cucinotta and J. F. Dicello
Abstract

---

23. ☐ **New systems for replicating DNA *in vitro*** • ARTICLE
Current Opinion in Cell Biology, Volume 10, Issue 3, June 1998, Pages 304-310
Philippe Pasero and Susan M Gasser
Abstract

---

24. ☐ **Focal adhesion kinase in integrin signaling** • SHORT SURVEY
Matrix Biology, Volume 16, Issue 4, October 1997, Pages 195-200
Jun-Lin Guan
Abstract | Abstract + References | PDF (498 K)

---

25. **CDKs and cyclins in transition(s)**

☐ *Current Opinion In Genetics & Development, Volume 7, Issue 1, February 1997, Pages 32-38*
Fisher, R P
Abstract-MEDLINE

---

26. ☐ **CDKs and cyclins in transition(s)** • ARTICLE
Current Opinion in Genetics & Development, Volume 7, Issue 1, February 1997, Pages 32-38
Robert P Fisher
Abstract | Abstract + References | PDF (1586 K)

---

27. ☐ **Structural studies of p21Waf1/Cip1/Sdi1 in the free and Cdk2-bound state: conformational disorder mediates binding diversity**
Proceedings Of The National Academy Of Sciences Of The United States Of America, Volume 93, Issue 21, October 15, 1996, Pages 11504-11509
Kriwacki, R W; Hengst, L; Tennant, L; Reed, S I; Wright, P E
Abstract-MEDLINE

---

28. ☐ **A reversible, p53-dependent G0/G1 cell cycle arrest induced by ribonucleotide depletion in the absence of detectable DNA damage**
Genes & Development, Volume 10, Issue 8, April 15, 1996, Pages 934-947
Linke, S P; Clarkin, K C; Di Leonardo, A; Tsou, A; Wahl, G M
Abstract-MEDLINE

---

29. ☐ **p21-containing cyclin kinases exist in both active and inactive states**
Genes & Development, Volume 8, Issue 15, August 1, 1994, Pages 1750-1758
Zhang, H; Hannon, G J; Beach, D
Abstract-MEDLINE

---

29 Articles Found

TITLE-ABSTR-KEY(challenges) and TITLE-ABSTR-KEY(cdk)

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results **1 - 29**

Retinoblastoma

From Wikipedia, the free encyclopedia.

Retinoblastoma is a cancer of the retina. It is caused by a mutation in the Rb-1 protein. It occurs mostly in younger children and accounts for about 3% of the cancers occurring in children younger than 15 years. The estimated annual incidence is approximately 4 per million children [1] (http://www.cancer.org/docroot/CRI/content/CRI_2_4_1X_What_are_the_key_statistics_for_retinoblastoma_37.asp?sitearea=).

The tumor may begin in one or both eyes. Retinoblastoma is usually confined to the eye but can spread to the brain via the optic nerve.

Retinoblastoma may be hereditary (genetically inherited) or nonhereditary. The hereditary form may be in one or both eyes, and generally affects younger children. Retinoblastoma occurring in only one eye is often not hereditary and is more prevalent in older children. When the disease occurs in both eyes, it is always hereditary. Because of the hereditary factor, patients and their brothers and sisters should have periodic examinations, including genetic counseling, to determine their risk for developing the disease.

A statistical study by Dr Alfred G. Knudson in 1971 led to a hypothesis (later known as the Knudson hypothesis) about why some retinablastomas are hereditary and others occur by chance. This hypothesis led to the first identification of a tumor suppressor gene by a team led by Dr Thaddeus P. Dryja in 1986. Knudson won the 1998 Albert Lasker Medical Research Award for this work.

Hereditary retinoblastoma is caused by an inherited mutation in a single copy of the Rb1 gene. The remaining functional copy prevents most retinal cells from becoming cancerous. However, one or more cells in the retina are likely to undergo a spontaneous loss of this functional copy, causing those cells to transform into cancer. This loss of the second copy of Rb1 is termed loss of heterozygosity, a frequent event in cancer for which retinoblastoma is the canonical example.

The patient's choice of treatment depends on the extent of the disease within and beyond the eye. Smaller tumors can be removed with laser surgery, thermo-, or cryotherapy.

Genetic testing can identify the mutation that lead to the development of retinoblastoma. Testing in unilateral cases can identify the 15% of unilateral cases with a germline mutation, indicating risk in future children. Testing amniotic cells in an at-risk pregnancy can identify a fetus with the mutation, which can then be delivered early before retinal cells have fully developed and before tumors arise. This early treatment can lead to a fully sighted bilaterally affected patient.

References

- Friend SH, Bernards R, Rogelj S, Weinberg RA, Rapaport JM, Albert DM, Dryja TP. *A human DNA segment with properties of the gene that predisposes to retinoblastoma and osteosarcoma.* Nature 1986;323:643-6. PMID 2877398 (http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=2877398).
- Knudson AG Jr. *Mutation and cancer: statistical study of retinoblastoma.* Proc Natl Acad Sci U S A 1971;68:820-3. PMID 5279523 (http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=5279523).

See also

- Eye cancer

External links

- OMIM 180200 (http://www.ncbi.nlm.nih.gov/entrez/dispomim.cgi?id=180200)
- The National Cancer Institute's page on Retinablastoma (http://www.cancer.gov/cancer_information/cancer_type/retinoblastoma/)
- Retinoblastoma: Mutation Of Rb-1 Protein (http://clearinghouse.mwsc.edu/manuscripts/160.asp)

Retrieved from "http://en.wikipedia.org/wiki/Retinoblastoma"

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